



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Wednesday Evening, June 01, 2016

Electricity

Strong Storms Knock Out Power to Over 41,000 Customers in Texas May 31–June 1

Strong storms producing lightning and heavy rain knocked out power to at least 41,301 customers in Texas on Tuesday night and into Wednesday afternoon. As of 3:30 p.m. EDT Wednesday, 13,587 customers remained without power. AEP reported the majority of its customers without power were in the Kingsville area due to an out of service substation. The utility said severe weather through the night prevented crews from patrolling the transmission lines feeding the Kingsville substation, but helicopter crews were scheduled to patrol the lines on Wednesday morning. Nueces Electric Cooperative said sustained rain leading to high water in several areas hampered restoration through the night, but significant progress was made to restore power. The table below shows total affected customers and the latest reported outages by utility. The “Affected” column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

Texas Customer Power Outages May 31–June 1, 2016			
Electric Utility	State	Affected	Latest Reported
AEP	TX	23,108	11,253
CPS Energy	TX	7,000	27
Magic Valley Electric Cooperative	TX	6,615	63
Nueces Electric Cooperative	TX	1,700	226
CenterPoint Energy	TX	1,574	1,165
Oncor	TX	1,304	853
TOTAL*		41,301	13,587

*Total outages represent only electric utilities listed in this table.

Sources:

<https://www.aeptexas.com/outages/outageMap.aspx>

<https://aeptexas.com/info/news/viewRelease.aspx?releaseID=1995>

http://outagemap.cpsenergy.com/CPSSStaticMapsEXT/CPSSStaticMapV2_EXT.html

<https://twitter.com/magicvalleyEC>

<http://www.magicvalley.coop/map/report>

<http://www.nueceselectric.org/content/nueces-electric-cooperative-storm-outage-update>

<http://outage.nueceselectric.org/>

<http://gis.centerpointenergy.com/outagetracker/index.html>

<http://stormcenter.oncor.com/external/default.html>

<http://www.krgv.com/story/32110401/storm-damage-in-the-valley>

<http://tpr.org/post/heavy-rain-possible-flooding-expected-through-friday#stream/0>

Constellation’s 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland Shut May 31

The unit shut from full power on May 31 due to a loss of load turbine.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160601en.html>

Exelon’s 1,150 MW Limerick Nuclear Unit 2 in Pennsylvania Maryland Shut June 1

The unit shut from full power on June 1. The company did not say why the unit shut or how long the outage would last.

Reuters, 9:58 June 1, 2016

Update: Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Ramps Up to 98 Percent by June 1

On the morning of May 31 the unit was operating at 73 percent, reduced from 99 percent on May 30.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Update: Georgia Power Says Last of 'Big 6' Modules Placed for Its 1,117 MW Vogtle Unit 3 May 31

Georgia Power on Tuesday announced the safe placement of the last of the "Big 6" modules in the nuclear island for Unit 3—CA02 and CA03. The modules are critical components and part of the 5,300 cubic foot In-Containment Refueling Water Storage Tank (IRWST) which, once the units are operational, is filled with borated water and provides passive heatsink within containment and backup cooling for the reactor vessel. In addition to the placement of the latest modules, vertical construction of the Unit 4 cooling tower is now complete. Operations are expected to commence in 2019 for Unit 3 and 2020 for Unit 4.

<https://www.georgiapower.com/about-us/media-resources/newsroom.chtml>

Dynegy Closes Its 465 MW Wood River Coal-Fired Power Plant in Illinois June 1

Dynegy Inc. on Wednesday closed its Wood River Power Station in Alton, Illinois, saying it was no longer cost-effective to operate. Wood River includes two coal-fired units that entered commercial operation in 1954 and 1964, respectively. Dynegy says it also plans to idle two other coal plants in Illinois later this fall.

<http://www.dynegy.com/news/news-release?newsurl=http%3A%2F%2Fphx.corporate-ir.net%2Fphoenix.zhtml%3F%3D147906%26amp%3Bp%3DRssLanding%26amp%3Bcat%3Dnews%26amp%3Bid%3D2106922>

<http://fox2now.com/2016/06/01/wood-river-coal-plant-closing-dozens-losing-their-jobs/>

Petroleum

Update: Statoil Says Its 20,000 b/d Leismer Oil Sands Project in Alberta Reached Normal Production June 1 after Closure Due to Fort McMurray Wildfire May 8

A Statoil ASA spokesman said the company's Leismer oil sands project was fully staffed and producing around its usual rate of 20,000 b/d, up from roughly 13,000 b/d on May 20. Statoil said it had initiated start-up of the project on May 13 after it was shut on May 8 due to the close proximity of the Fort McMurray wildfire that began burning on May 1.

Reuters, 16:07 June 1, 2016

Update: Husky Energy Says Its 30,000 b/d Sunrise Oil Sands Project in Alberta Steadily Ramping Up June 1 after Closure Due to Fort McMurray Wildfire May 8

Husky Energy's CEO on Wednesday said the company was seeing strong reservoir performance as it steadily ramped up output at its Sunrise project in Alberta. Production was shut on May 8 due to the close proximity of the Fort McMurray wildfire that began burning on May 1.

Reuters, 9:29 June 1, 2016

Shell Says No Impact from 15 Barrel Crude Oil Leak at Its Bakersfield, California Pump Station June 1

Royal Dutch Shell on Wednesday reported there was no impact from an approximately 15 barrel crude oil leak within the perimeter of a pump station at its facility near Bakersfield, California. The company reported earlier on Wednesday that it was in the process of "shutting everything in at China Grade Loop, station 36."

Reuters, 12:01 June 1, 2016

Reuters, 10:06 June 1, 2016

Motiva Reports Unit Upset at Its 603,000 b/d Port Arthur, Texas Refinery May 30

Motiva reported an operational upset on an unspecified unit at its Port Arthur, Texas refinery on Monday. Energy industry intelligence service Genscape reported that a hydrotreater was shut on Monday.

Reuters, 17:04 May 31, 2016

Marathon Begins Permanent FCCU Closure at Its 451,000 b/d Galveston Bay, Texas Refinery May 31

Marathon Petroleum Corp began the permanent closure of the 60,000 b/d fluid catalytic cracking unit 1 (FCCU) at its Galveston Bay refinery in Texas City on Tuesday, a company spokesman said. Marathon is closing the FCCU 1 to comply with an agreement reached with the U.S. Environmental Protection Agency to reduce pollution from the refinery. The 120,000 b/d FCCU 3 will remain in operation at the Galveston Bay refinery and its Texas City refinery has a 55,000 b/d FCCU. Marathon plans to integrate the two plants into a single refinery by 2020.

Reuters, 14:19 May 31, 2016

Alon Reports Multiple Unit Upset Due to Power Loss at Its 70,000 b/d Big Spring, Texas Refinery May 31

Alon USA Energy on Tuesday reported a temporary loss of power from a lightning strike at its Big Spring, Texas refinery, according to a filing with the Texas Commission on Environmental Quality. Alon reported several compressors, pumps, and fans tripped, which resulted in an upset at multiple units at the refinery. Additional operations personnel were called upon to restart equipment and minimize restart emissions.

Reuters, 19:08 May 31, 2016

BP Says Small Fire Extinguished, Hydrogen Plant Shut at Its 225,000 b/d Cherry Point, Washington Refinery May 31

One of two hydrogen plants at BP Plc's Cherry Point, Washington refinery was shut due to a fire in a heat exchanger on Tuesday night, sources familiar with plant operations said on Wednesday. Late on Tuesday, a BP spokesman said that a small fire in a process unit was quickly extinguished without injury. The sources said the shutdown was having little impact on refinery production since the refinery was configured to run on only one plant producing hydrogen for the 55,000 b/d hydrocracker among other units.

Reuters, 16:21 June 1, 2016

Reuters, 20:34 May 31, 2016

ExxonMobil Shuts Hydrocracker Compressor at Its 149,500 b/d Torrance, California Refinery May 31 – Source

A hydrocracker compressor at ExxonMobil's Torrance, California refinery shut on Tuesday morning, as source familiar with the matter said on Wednesday. Repairs on the unit were expected to take more than two weeks, the source added.

Reuters, 10:21 June 1, 2016

Natural Gas

Nothing to report.

Other News

Nothing to report.

Chevron Wells Attacked by Nigerian Militant Group near Warri June 1

A Nigerian militant group said on Wednesday that it had blown up two of Chevron's most productive oil wells in the second such attack in a week on the company's facilities in Nigeria's oil-producing Delta region. The group calling itself the Niger Delta Avengers (NDA) said in a post on Twitter that it used "100 Gunboats, 4 Warships, and Jet Bombers" to attack Chevron's RMP 23 and 24 wells early on Wednesday morning. The group also claimed the wells were Chevron's highest-producing in the country. The affected wells are located in the Dibi field near Warri, about 265 miles southeast of Lagos and it was not clear what implications the attacks would have on Chevron's daily Nigerian output. Last year Chevron pumped about 224,000 barrels of oil per day in Nigeria, about 9 percent of the company's total global output. Chevron also produces natural gas in the country. Previously, the same militant group claimed responsibility for an attack on Chevron's Escravos terminal in Nigeria on May 26, resulting in Chevron's onshore activities in the Niger Delta being shut down.

https://twitter.com/ND Avengers?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor

Reuters, 12:29 June 1, 2016

Update: France Raises Fuel Imports to Cover Shortages from Strikes – Industry Sources; Power Sector Votes to Join Strike June 1 – Union Official

France was increasing its imports of refined fuels via cross-border pipelines, barges, and tankers in order to replenish stocks and ease shortages after a more than week-long strike by oil workers disrupted supply, three industry sources said. Oil workers belonging to the CGT and FO unions last week blocked refineries, oil terminals, and depots in a strike against labor regulations. Fuel shortages at gas stations across the country have eased significantly as blockades have been removed although four out of France's eight refineries remain shut due to the strike. In the power sector, France's CGT union workers voted on Wednesday to start rolling strikes beginning on Thursday, which includes union groups at all 19 nuclear power plants. A CGT union official said CGT members at hydro and fuel-powered stations also voted to strike. The power sector strike is expected to cut French power generation, but unlikely to result in blackouts due to a rule that obliges unions to maintain a minimum output level that prevents outages. Nevertheless, France's state-controlled utility, EDF, may be forced to increase electricity imports from neighboring countries to meet demand.

http://www.downstreamtoday.com/news/article.aspx?a_id=52360

Reuters, 13:30 June 1, 2016

Energy Prices

U.S. Oil and Gas Prices			
June 1, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	49.02	48.01	59.46
NATURAL GAS Henry Hub \$/Million Btu	2.09	1.95	2.64

Source: Reuters

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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